

Open Source Software Licenses

u-blox short range modules

Application Note

Abstract

This document contains the licensing terms for third party open source software included in u-blox short range modules.



Document Information

Title	Open Source Software Licenses		
Subtitle	u-blox short range modules		
Document type	Application Note		
Document number	UBX-15022695		
Revision, date	R12		27-Mar-2018
Disclosure restriction			

This document applies to the following products:

Product name	Type number	Software version	PCN reference
ODIN-W260	All	All	N/A
ODIN-W262	All	All	N/A
NINA-B111	All	All	N/A
NINA-B112	All	All	N/A
NINA-W131	All	All	N/A
NINA-W132	All	All	N/A
NINA-B311	All	All	N/A
NINA-B312	All	All	N/A
ANNA-B112	All	All	N/A

u-blox reserves all rights to this document and the information contained herein. Products, names, logos and designs described herein may in whole or in part be subject to intellectual property rights. Reproduction, use, modification or disclosure to third parties of this document or any part thereof without the express permission of u-blox is strictly prohibited.

The information contained herein is provided "as is" and u-blox assumes no liability for the use of the information. No warranty, either express or implied, is given, including but not limited, with respect to the accuracy, correctness, reliability and fitness for a particular purpose of the information. This document may be revised by u-blox at any time. For most recent documents, visit www.u-blox.com.

Copyright © 2018, u-blox AG.

u-blox is a registered trademark of u-blox Holding AG in the EU and other countries. Arm is the registered trademark of Arm Limited in the EU and other countries.

Contents

Contents	3
1 Introduction	4
2 Open source software in u-blox short range modules	5
2.1 ODIN-W2 series	6
2.2 NINA-B1 series, NINA-B3 series, and ANNA-B112	10
2.3 NINA-W1 series	13
Revision history	17
Contact	18

1 Introduction

This document contains the licensing terms for third party open source software included in u-blox short range modules. The following symbols are used to highlight important information within the document:



An index finger points out key information pertaining to integration and performance.



A warning symbol indicates actions that could negatively impact or damage the module.

2 Open source software in u-blox short range modules

In the event that a customer of u-blox purchases one or more of the above-listed products (see the product list on page 2), the following licensing terms apply.

All open source software licenses are free of charge. The customer is responsible for adhering to the applicable licensing terms as stated hereafter.

2.1 ODIN-W2 series

Name	License	Reference	Description	Remarks
lwIP	BSD	Adam Dunkels	<p>lwIP is licensed under the BSD license:</p> <p>Copyright (c) 2001-2017 Swedish Institute of Computer Science. All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <ol style="list-style-type: none"> 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. 3. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission. <p>THIS SOFTWARE IS PROVIDED BY THE AUTHOR "AS IS AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p>	
mbed-tls	Apache 2.0	https://tls.mbed.org	<p>Apache License Version 2.0, January 2004 http://www.apache.org/licenses/ TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION</p> <ol style="list-style-type: none"> 1. Definitions. <p>"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.</p> <p>"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.</p> <p>"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or</p>	

Name	License	Reference	Description	Remarks
			<p>more of the outstanding shares, or (iii) beneficial ownership of such entity.</p> <p>"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.</p> <p>"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.</p> <p>"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.</p> <p>"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).</p> <p>"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.</p> <p>"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."</p> <p>"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.</p> <p>2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the</p>	

Name	License	Reference	Description	Remarks
			<p>Work and such Derivative Works in Source or Object form.</p> <p>3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.</p> <p>4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:</p> <p>(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and</p> <p>(b) You must cause any modified files to carry prominent notices stating that You changed the files; and</p> <p>(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and</p> <p>(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.</p> <p>You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such</p>	

Name	License	Reference	Description	Remarks
			<p>Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.</p> <p>5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.</p> <p>6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.</p> <p>7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.</p> <p>8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.</p> <p>9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.</p>	

2.2 NINA-B1 series, NINA-B3 series, and ANNA-B112

Name	License	Reference	Description	Remarks
nRF5x SDK	Proprietary	Nordic Semiconductor ASA	<p>Nordic proprietary license</p> <p>License Agreement Nordic Semiconductor ASA ("Nordic") Software Development Kit</p> <p>You ("You" or "Licensee") must carefully and thoroughly read this License Agreement ("Agreement"), and accept to adhere to this Agreement before downloading, installing and/or using any software or content in the Software Development Kit ("SDK") provided herewith.</p> <p>YOU ACCEPT THIS LICENSE AGREEMENT BY (A) CLICKING ACCEPT OR AGREE TO THIS LICENSE AGREEMENT, WHERE THIS OPTION IS MADE AVAILABLE TO YOU; OR (B) BY ACTUALLY USING THE SDK, IN THIS CASE YOU AGREE THAT THE USE OF THE SDK CONSTITUTES ACCEPTANCE OF THE LICENSING AGREEMENT FROM THAT POINT ONWARDS.</p> <p>IF YOU DO NOT AGREE TO BE BOUND BY THE TERMS OF THIS AGREEMENT, THEN DO NOT DOWNLOAD, INSTALL/COMPLETE INSTALLATION OF, OR IN ANY OTHER WAY MAKE USE OF THE SDK OR RELATED CONTENT.</p> <p>1. Grant of License Subject to the terms in this Agreement Nordic grants Licensee a limited, non-exclusive, non-transferable, non-sub licensable, revocable license ("License"): (a) to use the SDK as a development platform solely in connection with a Nordic Integrated Circuit ("nRF IC"), (b) to modify any source code contained in the SDK solely as necessary to implement products developed by Licensee that incorporate an nRF IC ("Licensee Product"), and (c) to distribute the SDK solely as implemented in Licensee Product. Licensee shall not use the SDK for any purpose other than specifically authorized herein.</p> <p>2. Title As between the parties, Nordic retains full rights, title, and ownership of the SDK and any and all patents, copyrights, trade secrets, trade names, trademarks, and other intellectual property rights in and to the SDK.</p> <p>3. No Modifications or Reverse Engineering Licensee shall not, modify, reverse engineer, disassemble, decompile or otherwise attempt to discover the source code of any non-source code parts of the SDK including, but not limited to pre-compiled binaries and object code.</p>	

Name	License	Reference	Description	Remarks
			<p>4. Distribution Restrictions</p> <p>Except as set forward in Section 1 above, the Licensee may not disclose or distribute any or all parts of the SDK to any third party. Licensee agrees to provide reasonable security precautions to prevent unauthorized access to or use of the SDK as proscribed herein. Licensee also agrees that use of and access to the SDK will be strictly limited to the employees and subcontractors of the Licensee necessary for the performance of development, verification and production tasks under this Agreement. The Licensee is responsible for making such employees and subcontractors agree on complying with the obligations concerning use and non-disclosure of the SDK.</p>	
			<p>5. No Other Rights</p> <p>Licensee shall use the SDK only in compliance with this Agreement and shall refrain from using the SDK in any way that may be contrary to this Agreement.</p>	
			<p>6. Fees</p> <p>Nordic grants the License to the Licensee free of charge provided that the Licensee undertakes the obligations in the Agreement and warrants to comply with the Agreement.</p>	
			<p>7. DISCLAIMER OF WARRANTY</p> <p>THE SDK IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND EXPRESS OR IMPLIED AND NEITHER NORDIC, ITS LICENSORS OR AFFILIATES NOR THE COPYRIGHT HOLDERS MAKE ANY REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR THAT THE SDK WILL NOT INFRINGE ANY THIRD PARTY PATENTS, COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS. THERE IS NO WARRANTY BY NORDIC OR BY ANY OTHER PARTY THAT THE FUNCTIONS CONTAINED IN THE SDK WILL MEET THE REQUIREMENTS OF LICENSEE OR THAT THE OPERATION OF THE SDK WILL BE UNINTERRUPTED OR ERROR-FREE. LICENSEE ASSUMES ALL RESPONSIBILITY AND RISK FOR THE SELECTION OF THE SDK TO ACHIEVE LICENSEE'S INTENDED RESULTS AND FOR THE INSTALLATION, USE AND RESULTS OBTAINED FROM IT.</p>	
			<p>8. No Support</p> <p>Nordic is not obligated to furnish or make available to Licensee any further information, software, technical information, know-how, show-how, bug-fixes or support. Nordic reserves the right to make changes to the SDK without further notice.</p>	

Name	License	Reference	Description	Remarks
			<p>9. Limitation of Liability</p> <p>In no event shall Nordic, its employees or suppliers or affiliates be liable for any lost profits, revenue, sales, data or costs of procurement of substitute goods or services, property damage, personal injury, interruption of business, loss of business information or for any special, direct, indirect, incidental, economic, punitive, special or consequential damages, however caused and whether arising under contract, tort, negligence, or other theory of liability arising out of the use of or inability to use the SDK, even if Nordic or its employees or suppliers or affiliates are advised of the possibility of such damages. Because some countries/states/jurisdictions do not allow the exclusion or limitation of liability, but may allow liability to be limited, in such cases, Nordic, its employees or licensors or affiliates' liability shall be limited to USD 50.</p>	
			<p>10. Breach of Contract</p> <p>Upon a breach of contract by the Licensee, Nordic is entitled to damages in respect of any direct loss, which can be reasonably attributed to the breach by the Licensee. If the Licensee has acted with gross negligence or willful misconduct, the Licensee shall cover both direct and indirect costs for Nordic.</p>	
			<p>11. Indemnity</p> <p>Licensee undertakes to indemnify, hold harmless and defend Nordic and its directors, officers, affiliates, shareholders, employees and agents from and against any claims or lawsuits, including attorney's fees, that arise or result of the Licensee's execution of the License and which is not due to causes for which Nordic is responsible.</p>	
			<p>12. Governing Law</p> <p>This Agreement shall be construed according to the laws of Norway, and hereby submits to the exclusive jurisdiction of the Oslo tingrett.</p>	
			<p>13. Assignment</p> <p>Licensee shall not assign this Agreement or any rights or obligations hereunder without the prior written consent of Nordic.</p>	
			<p>14. Termination</p> <p>Without prejudice to any other rights, Nordic may cancel this Agreement if Licensee does not abide by the terms and conditions of this Agreement. Upon termination, Licensee must promptly cease the use of the License and destroy all copies of the Licensed Technology and any other material provided by Nordic or its affiliate, or produced by the Licensee in connection with the Agreement or the Licensed Technology.</p>	

2.3 NINA-W1 series

Name	License	Reference	Description	Remarks
esp-idf	Apache 2.0	Espressif Systems	<p>Apache license: Version 2.0, January 2004 http://www.apache.org/licenses/TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION</p> <p>1. Definitions.</p> <p>"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document. "Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.</p> <p>"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity. "You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.</p> <p>"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.</p> <p>"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.</p> <p>"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).</p> <p>"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.</p> <p>"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but</p>	

Name	License	Reference	Description	Remarks
			<p>excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution." "Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.</p> <p>2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.</p> <p>3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.</p> <p>4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:</p> <p>(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and</p> <p>(b) You must cause any modified files to carry prominent notices stating that You changed the files; and</p> <p>(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and</p> <p>(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the</p>	

Name	License	Reference	Description	Remarks
			<p>License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.</p> <p>You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.</p> <p>5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.</p> <p>6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.</p> <p>7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.</p> <p>8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.</p> <p>9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You</p>	

Name	License	Reference	Description	Remarks
lwIP	BSD	Adam Dunkels	<p>may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.</p> <hr/> <p>lwIP is licensed under the BSD license:</p> <p>Copyright (c) 2001-2017 Swedish Institute of Computer Science. All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <ol style="list-style-type: none"> 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. 3. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission. <p>THIS SOFTWARE IS PROVIDED BY THE AUTHOR "AS IS AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p>	

Revision history

Revision	Date	Name	Comments
R01	28-Jan-2015	jjon	Initial release. Updated with information for ODIN-W2 1.0.0 release.
R02	4-May-2016	mlju	Added support for ODIN-W260-01B and ODIN-W262-01B, and firmware version 2.0.0.
R03	7-Jul-2016	kkar	Added license section for NINA-B1 SDK.
R04	30-Sep-16	pber	Added support for ODIN-W2 firmware version v3.0.0 on page 2.
R05	30-Nov-16	mlju	Added support for NINA-B1 firmware version 2.0.0 on page 2.
R06	3-Jan-17	kgom	Added support for ODIN-W2 firmware versions – 2.0.2 and 3.0.1. Replaced Document status with Disclosure restriction on page 2.
R07	30-Mar-17	kgom	On page 2, replaced type numbers and firmware version with All to denote support for all type numbers and firmware versions of NINA-B1 and ODIN-W2.
R08	3-Jul-2017	kgom	Replaced firmware with software.
R09	27-Nov-2017	objo, kgom	Added support for NINA-W1 software version v1.0.0 on page 2 and included license information for NINA-W1 (section 2.3).
R10	22-Dec-2017	pber, kgom	Added mbed TLS license information for ODIN-W2 (section 2.1).
R11	29-Jan-2018	hisa, kgom	Added support for NINA-B3 on page 2. Updated the title for section 2.2 to include support for NINA-B3 series.
R12	27-Mar-2018	hisa, kgom	Added support for ANNA-B112 module on page 2. Updated the title for section 2.2 to include support for ANNA-B112.

Contact

For complete contact information, visit us at www.u-blox.com.

u-blox Offices

North, Central and South America

u-blox America, Inc.

Phone: +1 703 483 3180
E-mail: info_us@u-blox.com

Regional Office West Coast:

Phone: +1 408 573 3640
E-mail: info_us@u-blox.com

Technical Support:

Phone: +1 703 483 3185
E-mail: support_us@u-blox.com

Headquarters

Europe, Middle East, Africa

u-blox AG

Phone: +41 44 722 74 44
E-mail: info@u-blox.com
Support: support@u-blox.com

Asia, Australia, Pacific

u-blox Singapore Pte. Ltd.

Phone: +65 6734 3811
E-mail: info_ap@u-blox.com
Support: support_ap@u-blox.com

Regional Office Australia:

Phone: +61 2 8448 2016
E-mail: info_au@u-blox.com
Support: support_ap@u-blox.com

Regional Office China (Beijing):

Phone: +86 10 68 133 545
E-mail: info_cn@u-blox.com
Support: support_cn@u-blox.com

Regional Office China (Chongqing):

Phone: +86 23 6815 1588
E-mail: info_cn@u-blox.com
Support: support_cn@u-blox.com

Regional Office China (Shanghai):

Phone: +86 21 6090 4832
E-mail: info_cn@u-blox.com
Support: support_cn@u-blox.com

Regional Office China (Shenzhen):

Phone: +86 755 8627 1083
E-mail: info_cn@u-blox.com
Support: support_cn@u-blox.com

Regional Office India:

Phone: +91 80 4050 9200
E-mail: info_in@u-blox.com
Support: support_in@u-blox.com

Regional Office Japan (Osaka):

Phone: +81 6 6941 3660
E-mail: info_jp@u-blox.com
Support: support_jp@u-blox.com

Regional Office Japan (Tokyo):

Phone: +81 3 5775 3850
E-mail: info_jp@u-blox.com
Support: support_jp@u-blox.com

Regional Office Korea:

Phone: +82 2 542 0861
E-mail: info_kr@u-blox.com
Support: support_kr@u-blox.com

Regional Office Taiwan:

Phone: +886 2 2657 1090
E-mail: info_tw@u-blox.com
Support: support_tw@u-blox.com